

RAW SEQUENCE LISTING

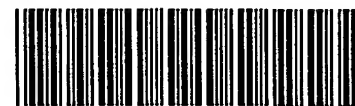
**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/646,070

Source: _____

Date Processed by STIC: _____

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/09/2005

PATENT APPLICATION: US/10/646,070

TIME: 09:10:30

Input Set : N:\Crf3\RULE60\10646070.raw.txt

Output Set: N:\CRF4\02092005\J646070.raw

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1 <110> APPLICANT: Graham, Michael wayn
2   Rice, Robert Norman
3 <120> TITLE OF INVENTION: CONTROL OF GENE EXPRESSION
4 <130> FILE REFERENCE: DAVI105.001APC
5 <140> CURRENT APPLICATION NUMBER: US/10/646,070
6 <141> CURRENT FILING DATE: 2003-08-22
7 <150> PRIOR APPLICATION NUMBER: US/09/646,807
8 <151> PRIOR FILING DATE: 2000-12-05
9 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00195
10 <151> PRIOR FILING DATE: 1999-03-19
11 <150> PRIOR APPLICATION NUMBER: AU PP2492
12 <151> PRIOR FILING DATE: 1998-03-20
13 <160> NUMBER OF SEQ ID NOS: 16
14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 26
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: Primer Bgl-GFP for Green Fluorescent Protein in
22   jellyfish.
23 <400> SEQUENCE: 1
24   agatctgtaa acggccacaa gttcag 26
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 26
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Primer GFP-Bam for Green Fluorescent Protein in
32   jellyfish.
33 <400> SEQUENCE: 2
34   ggatccttgt acagctcgtc catgcc 26
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 74
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Primer SV40-1 for SV40 late promoter.
42 <400> SEQUENCE: 3
43   gtcgacaata aaatatcttt attttcatta catctgtgtg ttggtttttt gtgtgatttt 60
44   tgcaaaagcc tagg 74
46 <210> SEQ ID NO: 4
47 <211> LENGTH: 31

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48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Primer SV40-2 for SV40 late promoter.
52 <400> SEQUENCE: 4
53      gtcgacgttt agagcagaag taacacttcc g
55 <210> SEQ ID NO: 5
56 <211> LENGTH: 38
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Primer BEV-1 for the BEV RNA-dependant RNA
61      polymerase from virus.
62 <400> SEQUENCE: 5
63      cggcagatct aacaatggca ggacaaatcg agtacatc
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 31
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Primer BEV-2 for the BEV RNA-dependant RNA
71      polymerase from virus.
72 <400> SEQUENCE: 6
73      cccgggatcc tcgaaagaat cgtaccactt c
75 <210> SEQ ID NO: 7
76 <211> LENGTH: 29
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Primer BEV-3 for the BEV RNA-dependant RNA
81      polymerase from virus.
82 <400> SEQUENCE: 7
83      gggcggatcc ttagaaagaa tcgtaccac
85 <210> SEQ ID NO: 8
86 <211> LENGTH: 28
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Primer BEV-4 for the BEV RNA-dependant RNA
91      polymerase from virus.
92 <400> SEQUENCE: 8
93      cggcagatct ggacaaatcg agtacatc
95 <210> SEQ ID NO: 9
96 <211> LENGTH: 37
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Primer NOS 5' for the NOS terminator sequence from
101      agrobacterium.

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102 <400> SEQUENCE: 9
103      ggattcccg gacgtcgca atttccccg atcggtc
105 <210> SEQ ID NO: 10
106 <211> LENGTH: 33
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer NOS 3' for the NOS terminator sequence from
111      agrobacterium.
112 <400> SEQUENCE: 10
113      ccatggccat ataggccga tctagtaaca tag
115 <210> SEQ ID NO: 11
116 <211> LENGTH: 33
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Primer SCBV 5' for the SCBV promoter sequence from
121      virus.
122 <400> SEQUENCE: 11
123      ccatggccta tatggccatt cccacattc aag
125 <210> SEQ ID NO: 12
126 <211> LENGTH: 27
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Primer SCBV 3' for the SCBV promoter sequence from
131      virus.
132 <400> SEQUENCE: 12
133      aacgttaact tctaccagc tccagag
135 <210> SEQ ID NO: 13
136 <211> LENGTH: 28
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Primer LNYV 1 for the LNYV 4 KB gene from virus.
141 <400> SEQUENCE: 13
142      atgggatccg ttatgccaag aagaagga
144 <210> SEQ ID NO: 14
145 <211> LENGTH: 24
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer LNYV 2 for the LNYV 4 KB gene from virus.
150 <400> SEQUENCE: 14
151      tgtggatccc taacggaccc gatg
153 <210> SEQ ID NO: 15
154 <211> LENGTH: 72
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence

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157 <220> FEATURE:
158 <223> OTHER INFORMATION: Primer PVY1 for the PVY Nia region from virus.
159 <400> SEQUENCE: 15
160 taatgaggat gatgtcccta cctttaattg gcagaaattt ctgtggaaag acagggaaat 60
161 ctttcgcat tt 72
163 <210> SEQ ID NO: 16
164 <211> LENGTH: 72
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Primer PVY2 for the PVY Nia region from virus.
169 <400> SEQUENCE: 16
170 ttctgccaat taaaggtagg gacatcatcc tcattaaaat gccgaaagat ttccctgtct 60
171 ttccacagaa at 72

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/646,070

DATE: 02/09/2005

TIME: 09:10:31

Input Set : N:\Crf3\RULE60\10646070.raw.txt

Output Set: N:\CRF4\02092005\J646070.raw